

# SCS PTC-IIIusb RADIO MODEM

Send wireless e-mail, transfer files, use real-time data links, and access weather information. The PTC-IIIusb modem from Special Communications Systems (SCS) of Germany is an affordable PTC data interface or terminal node connector (TNC) between your PC and HF, VHF, or UHF radio. SCS developed PACTOR I, II, and III protocols and the PTC-IIIusb is fully capable of using all of the robust PACTOR modes.



The PTC-IIIusb is capable of maintaining reliable data links in adverse conditions with radio signals that are inaudible over distances of 6,000 miles (9,656 km) or more. The PTC-IIIusb has the same performance and most of the features of the PTC-IIpro provides direct modem to radio control and multiple ports. The PTC-IIIusb is fully compatible with the PACTOR III mode for data rates as high as 5200 baud.

Powered by two high performance processors from Motorola and built-in Digital Signal Processor (DSP). The PTC-IIIusb is the latest technology for high speed HF radio digital data transfers. Packet radio operation for VHF and UHF radio are capable of 19.2K baud rates is built-in with no additional hardware required.

This unit is compatible with radios from manufacturers such as ICOM, Yaesu, Furuno, Kenwood, SGC, etc. that have a transceiver switching time of 20 ms and adequate cooling for sustained high power operation. The PTC-IIIusb is compatible with commercial service networks such as SailMail ([www.sailmail.com](http://www.sailmail.com)) as well as the international network of free Winlink ([www.winlink.org](http://www.winlink.org)) amateur (ham) radio operators (MBOs) that support PACTOR modes. Compatible with Microsoft operating systems XP, Vista, & Windows® 7 32/64-bit.

## SPECIFICATIONS

Dimensions:	1.69 H x 4.92 W x 5.43 D inches (125 W x 43 H x 138 D mm)
Weight:	15.87 ounces (450g)
Voltage:	12 VDC nominal, 20 VDC max
Power:	300 mA max.
PC Interface:	USB
Audio out:	Max. 3 Vp-p (open circuit), adjustable in 1mV steps
Memory:	2 MB of static RAM, CMOS, Battery Backup, Flash-ROM for easy firmware updates
Operating Temp:	14 to 122 degrees F (-10 to 50 degrees C)

**OPTIONS:** • Xaxero WeatherFax 2000 for PTC \$99 • Custom made PTC-IIIusb to ICOM power/data cable with 2 ferrite chokes \$85 • Custom made PTC-IIIusb to ICOM radio control cable with 2 ferrite chokes \$58



**Includes Pactor III  
upgrade - firmware  
license included  
\$169 Value**

# \$1148